

From boatanchors@theporch.com Sat May 6 20:32:07 1995  
Date: Sat, 6 May 1995 15:32:07 -0500  
Message-Id: <Pine.3.89.9505061549.A23147-01000000@ozarks>  
From: "C. Frank Gilmore" <fgilmore@ozarks.sgcl.lib.mo.us>  
Subject: Re: 75A-4 filter

On Fri, 5 May 1995, Larry Godek wrote:

> In the January 1964 issue of CQ mag, page 50 is an article called "A  
> Wideband Filter for the 75A-4. How to do it. Seems there was some  
> digression concerning filters for them here some time ago. Just  
> stumbled across it and thought I would pass it on.  
>  
> On a 2nd note, re the swan identification thread earlier, in the same  
> issue on page 90 is a picture of the Swan 240. Did the inquiring  
> individual ever determine whether his was a "140" or a "240"?  
>  
> Thanks for listening  
>  
> larry WOOGH  
>

His was a 140 Larry. And for whatever it is worth there were three major revisions to the 240....and figuring out by looking is nigh on to impossible. There were three different cosmetic configurations on the front panel but they don't always jive with the electronics! I sold my last 240 demo and bought one of the first 350s and was I ever disappointed. The dial was horrible, soon remedied though....but the drift was twice or three times as bad....but they kept working on it and it got better and better with each revision.

The 400 was probably one of the finest items Swan built. It had the VFO external (three different models plus a MARS adaptor) so the drift was a lot less. Kick myself for not stashing one of those away.

73,

Frank  
de K0JPJ ex-W5PVX ...--

From boatanchors@theporch.com Sun May 7 01:31:44 1995  
Date: Sat, 6 May 1995 20:31:44 -0500  
Message-Id: <Chameleon.4.01.2.950506212842.jproc@>

From: jproc@worldlinx.com  
Subject: BC357-F Receiver

Dear BA's,

Today, I bought a BC-357-F marker beacon receiver (75Mhz) at a flea market.  
Description:

Signal Corps US Army  
S/N 766  
Made by Philco , Philadelphia  
Order # 1638-CHI-42

Its of no use me but I wanted to save it from certain extinction. Anyone interested in this unit ? Note that someone replaced the original RF input connector with a standard S0239 type. Otherwise it appears vintage and unmodified. Best offer + shipping.

Regards,

-----  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinx.com  
Radio Restoration Volunteer  
HMCS Haida Toronto, Ontario  
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Quote of the day: If it wasn't for  
venetian blinds, it would be  
curtains for all of us.

From boatanchors@theporch.com Sun May 7 02:17:39 1995  
Date: Sat, 6 May 1995 21:17:39 -0500  
Message-Id: <799819191.F00003@leotech>  
From: Peter.Ferrand@leotech.mv.com (Peter Ferrand)  
Subject: CE 100/200V questions...

The CE 100V is an absolutely wonderful, and one of my two has been the primary BA transmitter for over 15 years. It's easy to use, sounds wonderful on the air, and has been very reliable in all respects.

I rebuilt the af phasing on mine in 1981; don't remember the details of the operation, but the condensers had lost their condensity. Was pretty simple to get it back in shape.

The Millen phasing network was the 75012; I have an NOS one here. Its data sheet says the 90 degrees phase shift is plus or

minus 1.3 degrees over a freq range of 225 to 2750 cycles.

Also, "A single sideband transmitter using the 75012 is no more difficult to construct and get operating than any simple conventional transmitter." So THERE!!!

The man who got the patent on the 100V's bandpass tuning system was, as of 5 years ago, still running an electronics repair shop in the suburbs of Atlanta. He is thrilled to work on the old sets, and went thru one of mine. By carefully choosing tubes, the set will do the rated 100W out all bands. He also has a mod (carefully undocumented!) to make the clipper work without the fool battery. And for an extra \$100 he set the unit up for 160 meters. Total bill came to a bit over \$200 and putting it on the bus over there another \$100 or so.

Unfortunately I can't find the guy's name or call here at the moment, but will post it if I do. He should be locatable, however.

I recall his apologizing for the most common problem with the CE units - the erratic operation of the VFO tuning knob. He said he did not realize that he should have ordered the things without lubrication - the lube used hardened and failed after a few years.

My 100V also sounds FB on high-fi AM by bypassing the audio shaping network and feeding a high level hard limited audio signal in - the limiting's important, since excess causes distortion.

73,  
-Pete  
WB2QLL

UU>From: "Roberta J. Barmore" <rbarmore@indynet.indy.net>

UU>Hi!

UU> Barry mentions the Dome Network--like so many filters, named after

UU>either the developer or the man behind the math--as the name of the

UU>90-degree wideband AF phase-shift network (aka an "all-pass filter," for

UU>those keeping stats). That's new to me--there *\*is\** a nice

mathematical

UU>function that cranks out two outputs at 90d to each other, widely  
UU>exploited in digital filters, but it's known by a different name  
(which,

UU>of course, I have forgotten!). So far as I know, the "digital"  
version

UU>cannot be realized with LCR or active analog-filter designs.

Dome's RC

UU>90d three-port allpass is \*remarkably\* clever. The larger it gets,  
the

UU>better it works if you can accept the increased insertion loss.

(See

UU>recent ARRL handbooks for a really extreme example, 20-element or  
larger!)

UU> The Barker & Williamson unit is a 2Q4, per old ARRL Handbooks.

So

UU>those of us who thunk it might be a 3Q4 were close, and should  
probably

UU>be given a 3V power pentode (quarter watt!) with a 7-pin mini base  
for

UU>our efforts. :)

UU> The Millen unit has a typical Millen six-digit number, and is  
built in

UU>a large rectangular can, similar to the company's old plug-in  
shielded

UU>grid coil assemblies and some of their bigger IF transformers.

UU> 73,

UU> --Bobbi

\* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

From boatanchors@theporch.com Sun May 7 02:14:50 1995

Date: Sat, 6 May 1995 21:14:50 -0500

Message-Id: <799819191.F00001@leotech>

From: Peter.Ferrand@leotech.mv.com (Peter Ferrand)

Subject: Holes in Prongs

UU>On 4 May, 1995 Tom Adams wrote: "When you look at the prongs

UU>on an AM power plug, there is almost always a hole punched in each  
prong. Why? What does it do?" K9TA

This really should be obvious: Without the holes, how could  
the current flow?

73,  
-Pete  
WB2QLL

\* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

From boatanchors@theporch.com Sat May 6 23:11:27 1995  
Date: Sat, 6 May 1995 18:11:27 -0500  
Message-Id: <199505062310.AA12758@teal.csn.org>  
From: bcutter@teal.csn.net (Bob Cutter)  
Subject: Philco 512

I just acquired a Philco 512, although someone has written "511" next to the name plate, plus matching speaker. Appears complete but not working. I am not a collector of these old radios so it is surplus to my key collection.

73, Bob KI0G

From boatanchors@theporch.com Sat May 6 20:34:53 1995  
Date: Sat, 6 May 1995 15:34:53 -0500  
Message-Id: <Pine.3.89.9505061512.A23147-01000000@ozarks>  
From: "C. Frank Gilmore" <fgilmore@ozarks.sgcl.lib.mo.us>  
Subject: Re: Rec Diversity

On Fri, 5 May 1995, Larry Godek wrote:

> For those of you mult multi equipment/tower/antenna/acres of land for  
> antennas propagators of the electrons, If you are interested in  
> diversity reception, homebrew style, on page 13 of the January 1948 CQ  
> magazine is an article called "The "FLIP-FLOP,'An Effective Diversity  
> Adaptor". Homebrew and uses 4 tubes, a pair of 6AC7 and a pair of  
> 6SC7. Neat looking lil chassis there.  
>  
> Larry W00GH  
>

I wrote a lengthy commentary on this a year or so back on the FIDO RTTY

Echo so won't go into a lot of detail other than to say it does work very well considering the state of the art back then. I used one on a pair of 75A2s to good advantage on RTTY. Later on a pair of 75A4s. It is simple and very easy to toss together....well it was when I built it .....hah!

...

Basic principles are similar to the exotic diversity adaptors like the Fredericks I use to have with a pair of their receivers. RTTY is so prone to selective fading of mark or space and seldom both that these were worth their weight in gold.

73, Frank

de K0JPJ ex-W5PVX ...--

From boatanchors@theporch.com Sat May 6 22:52:26 1995

Date: Sat, 6 May 1995 17:52:26 -0500

Message-Id: <199505062250.RAA03975@quake.xnet.com>

From: mshaum@xnet.com (Mark Shaum)

Subject: Re: Rec Diversity

>For those of you mult multi equipment/tower/antenna/acres of land for  
>antennas propagators of the electrons, If you are interested in  
>diversity reception, homebrew style, on page 13 of the January 1948 CQ  
>magazine is an article called "The "FLIP-FLOP,'An Effective Diversity  
>Adaptor". Homebrew and uses 4 tubes, a pair of 6AC7 and a pair of  
>6SC7. Neat looking lil chassis there.

>

As a FYI for BA readers, that article is included in the "CQ Anthology, Best of CQ 1945-1952". Along with lotsa other articles convering my favorite era in ham radio. Great article the BC348Q by J.H. Owens, among others.

I kinda doubt that this is still available from Cowan publishing, but keep an eye out for it at 'fests. 6 x 9 inch format, half inch or so thick, white cover. First printing was November 58, second in December '62. Library '0 Congress cat # 58-59707.

73! Mark, NE9G

From boatanchors@theporch.com Sat May 6 21:40:06 1995

Date: Sat, 6 May 1995 16:40:06 -0500

Message-Id: <F56G3643.F56G3646@mail.admin.wisc.edu>

From: TOM.A.ADAMS@mail.admin.wisc.edu

Subject: Rock Crusher Parts Needed

to: boatanchors@theporch.com

Greetings.

In the construction of the K9TA Ultimate Planet Wrecker HF AM Transmitter, I'm still in need of a few parts. I'd like to hear from anyone who has (and is willing to part with) the following items.

- Glass chimney for 4-1000A tube (one needed).
- Heat radiating plate and grid caps for 304TL tubes (2 of each). Plate caps for 4-250, 4-400, etc. will work as grid connectors on 304TL.
- BIG filter capacitors, as follows:
  - 2 MFD @ 5 KV or better (one needed)
  - 4 MFD @ 5 KV or better (one needed)
  - 10 MFD @ 5 KV or better (one needed)

NOTE; PCB capacitors are OK by me, as long as they aren't leaking.

73's,

Tom, K9TA ( who considers anything  
running less than 500 watts input  
an exciter )

From boatanchors@theporch.com Sat May 6 22:57:17 1995  
Date: Sat, 6 May 1995 17:57:17 -0500  
Message-Id: <199505062255.RAA04442@quake.xnet.com>  
From: mshaum@xnet.com (Mark Shaum)  
Subject: Re: Rock Crusher Parts Needed

> In the construction of the K9TA Ultimate Planet Wrecker HF AM Transmitter,  
> I'm still in need of a few parts. I'd like to hear from anyone who has (and is  
> willing to part with) the following items.  
>  
> -- Glass chimney for 4-1000A tube (one needed).  
>

Can't wait to hear that etherwarmer one of these days! Anyway.. about

chimneys, I've looked at replacement Coleman lamp chimneys and found one that was a good fit for my medium sized 5868 triode bottle. Larger than a 4-400, not quite 4-1000 size. Several were available that would be nice fits for 4-400's or 3-500Z type envelopes. You might browse around the sporting supply stores to see what's available. Mebbe there were rather large lanterns that would use a chimney that would fit the big 1000A.

The prices were right... \$8 to \$12 as I recall. Quite reasonable for glass chimneys that will handle the heat and RF fields, and considerably less than what used Eimac sleeves go for.

73! - Mark, NE9G

From boatanchors@theporch.com Sun May 7 00:39:10 1995  
Date: Sat, 6 May 1995 19:39:10 -0500  
Message-Id: <9505070036.AA05875@uvs1.orl.mmc.com>  
From: padgett@tccslr.dnet.mmc.com (A. Padgett Peterson, P.E. Information Security)  
Subject: Re: Rock Crusher Parts Needed

You need the input gear or the cluster ? M-22 parts are getting hard to find.

P.fl a

From boatanchors@theporch.com Sun May 7 01:09:35 1995  
Date: Sat, 6 May 1995 20:09:35 -0500  
Message-Id: <950506210818\_109551186@aol.com>  
From: KDOHG@aol.com  
Subject: Tel # needed

Anyone got the phone # for Lon Cottingham, K5JV? Disregard after Sunday, 5/7.  
Thanks, Bill

From boatanchors@theporch.com Sat May 6 21:23:37 1995  
Date: Sat, 6 May 1995 16:23:37 -0500  
Message-Id: <F56G2037.F56G2048@mail.admin.wisc.edu>  
From: TOM.A.ADAMS@mail.admin.wisc.edu  
Subject: What's that bad movie???

to: boatanchors@theporch.com

Greetings, Troops!



While going thru my piled up E-MAIL, I just read a movie review re. a film about underground resistance fighters / spys using WW2 spy rigs. It reminded me of a film I saw years and years ago, but I can't remember the name of it. Maybe somebody here might remember it.

This was a French Underground group flick. Their headquarters was in a small town pub. The transmitter for contacting England was not only HIDDEN in the bar's piano, but set up to OPERATE there as well! The key contacts were under the C# key of the piano, and a member of the group was a musician who wrote original music compositions around the 5 letter coded group text of messages meant for England! BTW, the piano player didn't know she was operating the radio; her only instructions were "play it as written, no improvization".

German RDF units were constantly getting fixes on the signal, and they'd search the place and find nothing. I suppose the only reason they didn't tear the place apart and arrest everybody was because German soldiers like to have a place to get loaded as much as any other soldiers.

Sure, it's pretty far fetched, but I'd love to see this thing again. Does it ring a bell with anybody who remembers the title?

73's,

Tom, K9TA